

## AMENDMENTS TO THE CLAIMS

### Please amend the claims as follows.

1. (Currently Amended) A ~~method~~ system of integrating ~~transferring~~ data streams across a supply chain at a first location ~~and to~~ a demand chain at a second location, said ~~method~~ system comprising:

a trigger event monitor defining a trigger event to be monitored at said first location;

a database that stores ~~storing~~ business rules regarding reconciliation spans and exceptions ~~in a database;~~

a transformation unit that performs ~~performing~~ transformations on said data streams and trigger event data by placing said data into appropriate categories for manufacturing lot trace capability as controlled by a relationship between components and devices in a bill of materials and parentage information;

a supply side reconciler that performs ~~performing~~ a supply side reconciliation of said transformed data streams and said trigger event data ~~based on said business rules to determine whether said transformed data streams are consistent with said trigger event data;~~ and

a demand side reconciler that performs ~~performing~~ a demand side reconciliation of said transformed data streams ~~and with~~ said trigger event data ~~based on said business rules upon the occurrence of said trigger event data;~~

said database processing said reconciled data to produce entitled test data with customer entitlement information including one of what type of data each customer is entitled to receive and which type of products and components each customer is entitled to receive such

information;

said database storing a selective point in said demand chain that said entitled test data is supplied to;

said database verifying completeness of said entitled test data and whether said entitled test data is supplied to said selective point in said demand chain; and

a report output device at the location of said demand side reconciler that outputs a report based on said performing said demand side reconciliation.

2. (Currently Amended) The ~~method in~~ system of claim 1, wherein said supply side reconciliation process comprises reconciling said trigger event data with said data streams.

3. (Currently Amended) The ~~method in~~ system of claim 1, wherein said trigger event data comprises notification of goods being sent from a point in said supply chain, and wherein said supply side reconciliation determines whether a data stream associated with said goods is consistent with said notification.

4. (Currently Amended) The ~~method in~~ system of claim 1, wherein said demand side reconciliation process comprises determining whether said data streams are complete and whether said data streams were sent to said demand chain.

5. (Currently Amended) The ~~method in~~ system of claim 1, wherein said processes of performing said supply side reconciliation and said demand side reconciliation are one of:  
selectively delayed a predetermined period after said trigger event; and

selectively advanced a predetermined period before said trigger event.

6. (Currently Amended) The ~~method in~~ system of claim 1, wherein said data streams relate to a component of a device being manufactured in said supply chain, and wherein said data streams are supplied one of after said component is completed and during the manufacturing of said component.

7. (Currently Amended) The ~~method in~~ system of claim 1, wherein supply side reconciliation and said demand side reconciliation include a process of correcting said data streams.

8. (Currently Amended) A ~~method of~~ system that transfers ~~transferring~~ test data from a supply chain at a first location to a demand chain at a second location, said method comprising:

a supply side reconciler that performs ~~performing~~ a supply side reconciliation of said test data at said first location and a demand side reconciler that performs a demand side reconciliation of said test data at said second location upon the occurrence of a trigger event in said supply chain to produce reconciled data;

a rules database that processes ~~processing~~ said reconciled data ~~through a rules database~~ to produce entitled test data for completeness; and

said rules database storing at least one demand chain location to which said entitled test data is transmitted based on customer entitlement information including one of what type of data each customer is entitled to receive and which type of products and components each customer is

entitled to receive such information; and

verifying, that said entitled test data is supplied to ~~selective points~~ said at least one location in said demand chain.

9. (Currently Amended) The ~~method in~~ system of claim 8, wherein said supply side reconciliation process comprises reconciling data from said trigger event with said test data.

10. (Currently Amended) The ~~method in~~ system of claim 8, wherein said trigger event comprises notification of goods being sent from a point in said supply chain, and  
wherein said supply side reconciliation determines whether test data associated with said goods is consistent with said notification.

11. (Currently Amended) The ~~method in~~ system of claim 8, wherein said demand side reconciliation process comprises determining whether said test data is complete.

12. (Currently Amended) The ~~method in~~ system of claim 8, wherein said processes of performing said supply side reconciliation and said demand side reconciliation are selectively delayed a predetermined period after said trigger event.

13. (Currently Amended) The ~~method in~~ system of claim 8, wherein said entitled test data relates to component test data of a component of a device being manufactured in said supply chain, and

wherein said process of supplying said entitled test data supplies said component test data

one of after said component is completed and during the manufacturing of said component.

14. (Currently Amended) The ~~method in~~ system of claim 8, wherein supply side reconciliation and said demand side reconciliation include a process of correcting said test data.

15. (Currently Amended) A system for transferring test data from a supply chain at a first location to a demand chain at a second location, said system comprising:

a trigger event monitor that receives information of a trigger event at one of said first and said second location;

a supply side reconciler in communication with said trigger event monitor, and being adapted to perform a supply side reconciliation of said test data upon ~~the~~ an occurrence of a trigger event, wherein said supply reconciliation determines whether said test data are consistent with said trigger event data;

a demand side reconciler in communication with said trigger event monitor, and being adapted to perform a demand side reconciliation of said test data upon the occurrence of [[a]] said trigger event; ~~and~~

a rules database in communication with said supply side reconciler and said demand side reconciler, and being adapted to produce entitled test data based on said supply side reconciliation and said demand side reconciliation;

said rules database storing selective points in said demand chain that receive said entitled test data;

said rules database verifying and to verify that the said entitled test data is supplied to said selective points in said demand chain; and

an output device at said second location to output a report based on said performing said demand side reconciliation.

16. (Original) The system in claim 15, wherein said supply side reconciliation process performed by said supply side reconciler comprises reconciling data from said trigger event with said test data.

17. (Original) The system in claim 15, wherein said trigger event comprises notification of goods being sent from a point in said supply chain, and wherein said supply side reconciliation performed by said supply side reconciler determines whether test data associated with said goods is consistent with said notification.

18. (Original) The system in claim 15, wherein said demand side reconciliation process performed by said demand side reconciler comprises determining whether said test data is complete.

19. (Original) The system in claim 15, wherein said processes of performing said supply side reconciliation and said demand side reconciliation are selectively delayed a predetermined period after said trigger event by said supply side reconciler and said demand side reconciler.

20. (Original) The system in claim 15, wherein said entitled test data relates to component test data of a component of a device being manufactured in said supply chain, and

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wherein said database is adapted to supply said component test data during the processing of said component and before said device is completed.